

**CJC 4—2000**  
**HB 100—2000**

# **COORDINATION OF POWER AND TELECOMMUNICATIONS—**

**Manual for the establishment of safe work practices and the  
minimization of operational interference between power systems  
and paired cable telecommunications systems**

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This Publication was prepared jointly for Telstra Corporation Limited, and the Electricity Supply Association of Australia and has been approved by both these bodies. It was published by Standards Australia on 8 February 2000.

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**Review of this Publication** *Suggestions for improvement to this Publication, addressed to the head office of Standards Australia, are welcomed. Notification of any inaccuracy or ambiguity found in this Publication should be made without delay in order that the matter may be investigated and appropriate action taken.*

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## PREFACE

This Manual was prepared for Telstra Corporation (formerly Telecom Australia) and the Electricity Supply Association of Australia (ESAA) under the auspices of the Joint Committee for Coordination of Power and Telecommunications (CJC), as a basis for coordination where the activities of these bodies co-exist. Subsequently, CJC was reestablished within Standards Australia as the Coordinating Committee for Power and Telecommunications (CCPT) (see Section 3.2.2).

However, Telstra and member bodies of ESAA are not bound to accept the contents of this Manual in their work practices or procedures. It is acknowledged that different practices from those described may be equally satisfactory depending on site circumstances.

Although this Manual was written at the time when Telstra was the sole telecommunications supplier, the principles set out herein could be equally applicable to any copper-based telecommunications system.

This Manual recognises the deregulation of Australia's telecommunications sector. In July 1997, AUSTEL was merged with the Spectrum Management Agency to form the Australian Communications Authority (ACA). See ACA website (<http://www.aca.gov.au>) which gives details of their involvement in the increasingly self-regulated communications sector.

Unlike previously, the Telecommunications Act 1997 empowers ACA to adopt Standards based only on four specific criteria: the protection of personal health and safety; network integrity; interoperability; and access to emergency services.

Accordingly, many AUSTEL Technical Standards were reframed as ACA Technical Standards to eliminate matters not covered by ACA. Nevertheless, AUSTEL TS 009—1997, *Installation Requirements for Customer Cabling (Wiring Rules)*, obtainable from Standards Australia, remains valid.

Attention is drawn to ACA TS 001—1997, *Safety requirements for Customer Equipment*, which specifies principles of isolation and lists abbreviations for terms defined in AUSTEL TS 009.

This Manual makes reference to publications prepared jointly by ESAA and the Australian Telecommunications Commission (ATC) (subsequently Telecom Australia, now Telstra Corporation). Enquiries concerning these publications should be directed to one of the following bodies:

Electricity Supply Association  
of Australia Limited  
PO Box 2537  
SYDNEY NSW 2001

National Power Coordination  
Telstra Corporation  
1/355 Spencer Street  
WEST MELBOURNE VIC 3003

This edition does not cover coordination aspects of recent developments in broadband telecommunications, or cable television. These matters will be considered for inclusion in a future edition.

Referenced documents, Standards and other references are listed in Section 12.

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